Serial No. : 10/662,508 Filed : September 16, 2003

Page : 2 of 12

Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

 (Currently Amended) A light-emitting apparatus having a light-emitting device comprising:

a substrate;

a thin film transistor over the substrate;

an insulating film over the thin film transistor;

a second electrode over the first electrode;

a first electrode \underline{over} the insulating film and electrically connected to the thin film transistor;

an electroluminescent film disposed between the first electrode and the second electrode;

a film containing fluoroplastics formed over the second electrode; and

an inorganic insulating film formed over the film containing fluoroplastics,

wherein:

the insulating film comprises a first insulating film and a second insulating film formed on the first insulating film;

the first insulating film comprises a material selected from the group consisting of acrylic, polyamide, and polyimide; and

the second insulating film comprises fluoroplastics.

(Currently Amended) A light-emitting apparatus having a light-emitting device comprising:

a substrate;

a [[TFT]] thin film transistor over the substrate;

an insulating film over the [[TFT]] thin film transistor;

Serial No.: 10/662,508 Filed: September 16, 2003

Page : 3 of 12

a first electrode over the insulating film and electrically connected to the [[TFT]] thin film transistor:

a second electrode over the first electrode;

an electroluminescent film disposed between the first electrode and the second electrode;

a film containing fluoroplastics formed over the second electrode; and

an inorganic insulating film formed over the film containing fluoroplastics,

wherein the insulating film comprises fluoroplastics.

- (Currently Amended) A light-emitting apparatus having a light-emitting device comprising:
 - a substrate:
 - a [[TFT]] thin film transistor over the substrate:
 - an insulating film over the [[TFT]] thin film transistor;
- a first electrode over the insulating film and electrically connected to the [[TFT]] thin film transistor:
 - a second electrode over the first electrode;
 - an electroluminescent film disposed between the first electrode and the second electrode;
 - a film containing fluoroplastics formed over the second electrode; and
 - an inorganic insulating film formed over the film containing fluoroplastics,

wherein:

the insulating film comprises a first insulating film and a second insulating film formed on the first insulating film;

the first insulating film comprises a material selected from the group consisting of acrylic, polyamide, and polyimide; and

the second insulating film is a film containing fluoroplastics mixed film comprising fluoroplastics and metallic oxide.

Serial No.: 10/662,508 Filed: September 16, 2003

Page : 4 of 12

 (Currently Amended) A light-emitting apparatus having a light-emitting device comprising:

a substrate;

a [[TFT]] thin film transistor over the substrate:

an insulating film over the [[TFT]] thin film transistor;

a first electrode over the insulating film and electrically connected to the [[TFT]] thin film transistor;

a second electrode over the first electrode;

an electroluminescent film disposed between the first electrode and the second electrode;

a film containing fluoroplastics formed over the second electrode; and

an inorganic insulating film formed over the film containing fluoroplastics,

wherein the insulating film eentains fluoroplastics is a mixed film comprising fluoroplastics and metallic oxide.

5. (Original) A light-emitting apparatus according to Claim 1,

wherein the film containing fluoroplastics is one type of polymer selected from polytetrafluoroethylene, tetrafluoroethylene-hexafluoropropylene copolymer, polychlorotrifluoroethylene, tetrafluoroethylene-ethylene copolymer, polyvinyl fluoride, and polyvinylidene fluoride.

(Currently Amended) A light-emitting apparatus according to Claim 3,

wherein[[:]] the second insulating film is a mixed film comprising fluoroplastics and metallic oxides, and a ratio of the metallic oxides in the mixed film monotonically increases from a portion of the mixed film distant from the first electrode to a portion of the mixed film close to the first electrode.

7-11. (Canceled)

Serial No. : 10/662,508 Filed : September 16, 2003

Page : 5 of 12

12. (Original) A light-emitting apparatus according to Claim 2.

wherein the film containing fluoroplastics is one type of polymer selected from polytetrafluoroethylene, tetrafluoroethylene-hexafluoropropylene copolymer, polychlorotrifluoroethylene, tetrafluoroethylene-ethylene copolymer, polyvinyl fluoride, and polyvinylidene fluoride.

13. (Original) A light-emitting apparatus according to Claim 3,

wherein the film containing fluoroplastics is one type of polymer selected from polytetrafluoroethylene, tetrafluoroethylene-hexafluoropropylene copolymer, polychlorotrifluoroethylene, tetrafluoroethylene-ethylene copolymer, polyvinyl fluoride, and polyvinylidene fluoride.

14. (Original) A light-emitting apparatus according to Claim 4,

wherein the film containing fluoroplastics is one type of polymer selected from polytetrafluoroethylene, tetrafluoroethylene-hexafluoropropylene copolymer, polychlorotrifluoroethylene, tetrafluoroethylene-ethylene copolymer, polyvinyl fluoride, and polyvinylidene fluoride.

15. (Currently Amended) A light-emitting apparatus according to Claim 4,

wherein[[:]] the insulating film is a mixed film comprising fluoroplastics and metallic exides, and a ratio of the metallic exides in the mixed film monotonically increases from a portion of the mixed film distant from the first electrode to a portion of the mixed film close to the first electrode.

16. (Canceled)

17. (Currently Amended) A light-emitting apparatus having a light-emitting device comprising:

Serial No.: 10/662,508 Filed: September 16, 2003

Page : 6 of 12

a substrate;

a [[TFT]] thin film transistor over the substrate;

an insulating film over the [[TFT]] thin film transistor;

a first electrode over the insulating film and electrically connected to the [[TFT]] thin film transistor.

a second electrode over the first electrode; and

an electroluminescent film disposed between the first electrode and the second electrode; wherein:

the insulating film comprises a first insulating film and a second insulating film formed on the first insulating film:

the first insulating film comprises a material selected from the group consisting of acrylic, polyamide, and polyimide; and

the second insulating film is a film containing fluoroplastics mixed film comprising fluoroplastics and metallic oxide.

- 18. (Currently Amended) A light-emitting apparatus having a light-emitting device comprising:
 - a substrate:
 - a [[TFT]] thin film transistor over the substrate;
 - an insulating film over the [[TFT]] thin film transistor;
- a first electrode over the insulating film and electrically connected to the [[TFT]] thin film transistor:
 - a second electrode over the first electrode; and
- an electroluminescent film disposed between the first electrode and the second electrode; wherein the insulating film eentains fluoroplastics is a mixed film comprising fluoroplastics and metallic oxide.
 - 19. (Previously Presented) A light-emitting apparatus according to Claim 17,

Serial No. : 10/662,508 Filed : September 16, 2003

Page : 7 of 12

wherein the film containing fluoroplastics is one type of polymer selected from polytetrafluoroethylene, tetrafluoroethylene-hexafluoropropylene copolymer, polychlorotrifluoroethylene, tetrafluoroethylene-ethylene copolymer, polyvinyl fluoride, and polyvinylidene fluoride.

- 20. (Previously Presented) A light-emitting apparatus according to Claim 18, wherein the film containing fluoroplastics is one type of polymer selected from polytetrafluoroethylene, tetrafluoroethylene-hexafluoropropylene copolymer, polychlorotrifluoroethylene, tetrafluoroethylene-ethylene copolymer, polyvinyl fluoride, and polyvinylidene fluoride.
- 21. (Currently Amended) A light-emitting apparatus according to Claim 17, wherein[[:]] the second insulating film is a mixed film comprising fluoroplastics and metallic oxides, and a ratio of the metallic oxides in the mixed film monotonically increases from a portion of the mixed film distant from the first electrode to a portion of the mixed film close to the first electrode.
- 22. (Currently Amended) A light-emitting apparatus according to Claim 18, wherein[[:]] the insulating film is a mixed-film comprising fluoroplastics and metallic exides, and a ratio of the metallic exides in the mixed film monotonically increases from a portion of the mixed film distant from the first electrode to a portion of the mixed film close to the first electrode.
- 23. (Previously Presented) A light-emitting apparatus according to Claim 1, wherein the light-emitting apparatus is selected from the group consisting of digital still camera, laptop computer, mobile computer, portable image reproducing device, goggle type display, video camera and cellular phone.

Serial No.: 10/662,508 Filed: September 16, 2003

Page : 8 of 12

24. (Previously Presented) A light-emitting apparatus according to Claim 2, wherein the light-emitting apparatus is selected from the group consisting of digital still camera, laptop computer, mobile computer, portable image reproducing device, goggle type display, video camera and cellular phone.

- 25. (Previously Presented) A light-emitting apparatus according to Claim 3, wherein the light-emitting apparatus is selected from the group consisting of digital still camera, laptop computer, mobile computer, portable image reproducing device, goggle type display, video camera and cellular phone.
- 26. (Previously Presented) A light-emitting apparatus according to Claim 4, wherein the light-emitting apparatus is selected from the group consisting of digital still camera, laptop computer, mobile computer, portable image reproducing device, goggle type display, video camera and cellular phone.
- 27. (Previously Presented) A light-emitting apparatus according to Claim 17, wherein the light-emitting apparatus is selected from the group consisting of digital still camera, laptop computer, mobile computer, portable image reproducing device, goggle type display, video camera and cellular phone.
- 28. (Previously Presented) A light-emitting apparatus according to Claim 18, wherein the light-emitting apparatus is selected from the group consisting of digital still camera, laptop computer, mobile computer, portable image reproducing device, goggle type display, video camera and cellular phone.
- (Previously Presented) A light-emitting apparatus according to Claim 1, wherein the film containing fluoroplastics has irregularities.

Serial No. : 10/662,508 Filed : September 16, 2003

Page : 9 of 12

30. (Previously Presented) A light-emitting apparatus according to Claim 2, wherein the film containing fluoroplastics has irregularities.

- 31. (Previously Presented) A light-emitting apparatus according to Claim 3, wherein the film containing fluoroplastics has irregularities.
- 32. (Previously Presented) A light-emitting apparatus according to Claim 4, wherein the film containing fluoroplastics has irregularities.
 - 33-35. (Canceled)
 - 36. (New) A light-emitting apparatus according to Claim 1,

wherein:

the second insulating film is a mixed film comprising fluoroplastics and metallic oxides, and a ratio of the metallic oxides in the mixed film monotonically increases from a portion of the mixed film distant from the first electrode to a portion of the mixed film close to the first electrode.

37. (New) A light-emitting apparatus according to Claim 2,

wherein:

the insulating film is a mixed film comprising fluoroplastics and metallic oxides, and
a ratio of the metallic oxides in the mixed film monotonically increases from a portion of
the mixed film distant from the first electrode to a portion of the mixed film close to the first
electrode.